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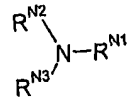
(54) Title: METHODS OF AMINATION



(I)

(57) Abstract: A method of synthesising a compound of formula I: comprising the step of reacting a moiety of formula II: with a moiety of formula III: in compressed carbon dioxide in the presence of a transition metal catalyst and a base, wherein L is a labile leaving group; R^{N1} is optionally substituted C_{5-20} aryl; R^{N2} is selected from optionally substituted C_{5-20}aryl, optionally substituted C_{3-20} heterocyclyl, optionally substituted C_{3-7} alkyl, and optionally substituted sulfonyl; R^{N3} is selected from H and optionally substituted C_{1-7} alkyl, C_{3-20} heterocyclyl and C_{5-20} aryl; or R^{N2} and R^{N3} together with the nitrogen atom to which they are attached form optionally substituted nitrogen-containing C_{3-20} heterocylyl or C_{5-20} heteroaryl; and R^1 R^2 and R^3 are independently selected from optionally substituted C_{1-7} alkyl, C_{5-20} aryl, C_{3-20} heterocyclyl, hydroxy, halo, amino and C_{1-7} alkoxy, or two of R^1, R^2 and R^3, together with the silicon atom to which they are attached, may form a silicon containing C_{5-7} heterocyclyl group.